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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/731,899	JONES ET AL.	
	Examiner	Art Unit	
	Qing Chen	2191	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *09 December 2003*.

2a)☐ This action is **FINAL**. 2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-18* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-18* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☒ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *09 December 2003* is/are: a)☐ accepted or b)☒ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☒ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a)☐ All b)☐ Some * c)☐ None of:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 1/23/04, 8/6/04, 5/26/05, 7/29/05, 11/2/05 4/24/06, 5/22/06, 7/3/06
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This is the initial Office action based on the application filed on December 9, 2003.

Claims 1-18 are currently pending and have been considered below.

Information Disclosure Statement

2. The information disclosure statements (IDS) filed on January 23, 2004, August 6, 2004, May 26, 2005, July 29, 2005, November 2, 2005, April 24, 2006, May 4, 2006, May 22, 2006, and July 3, 2006 have been received. The submissions on January 23, 2004, August 6, 2004, May 26, 2005, July 29, 2005, November 2, 2005, April 24, 2006, May 22, 2006, and July 3, 2006 are in compliance with the provisions of 37 CFR 1.97, and accordingly, these information disclosure statements have been considered by the Examiner.

The information disclosure statement filed on May 4, 2006 fails to comply with the provisions of 37 CFR 1.97, 1.98 and MPEP § 609 because it lacks the form PTO-1449 or PTO/SB/08A and 08B, "Information Disclosure Statement," as set forth in 37 CFR 1.98(a)(1). It has been placed in the application file, but the information referred to therein has not been considered as to the merits. Applicant is advised that the date of any re-submission of any item of information contained in this information disclosure statement or the submission of any missing element(s) will be the date of submission for purposes of determining compliance with the requirements based on the time of filing the statement, including all certification requirements for statements under 37 CFR 1.97(e). See MPEP § 609.05(a).

The information disclosure statements filed on January 23, 2004, November 2, 2005, and April 24, 2006 fail to comply with 37 CFR 1.98(a)(2), which requires a legible copy of each cited foreign patent document; each non-patent literature publication or that portion which caused it to be listed; and all other information or that portion which caused it to be listed. It has been placed in the application file, but the information referred to therein has not been considered.

Oath/Declaration

3. The oath or declaration is defective. A new oath or declaration in compliance with 37 CFR 1.67(a) identifying this application by application number and filing date is required. See MPEP §§ 602.01 and 602.02.

The oath or declaration is defective because:

- The clause regarding "willful false statements ..." required by 37 CFR 1.68 has been omitted.
- It does not identify the citizenship of one of the inventors.
- The full name of one of the inventors (family name and at least one given name together with any initial) has not been set forth.
- It does not identify the mailing address of one of the inventors. A mailing address is an address at which an inventor customarily receives his or her mail and may be either a home or business address. The mailing address should include the ZIP Code designation. The mailing address may be provided in an application data sheet or a supplemental oath or declaration. See 37 CFR 1.63(c) and 37 CFR 1.76.
- It does not specify the domestic priority information that of the application on which priority is claimed, by specifying the application number, filing date, and status.

Drawings

4. The drawings are objected to under 37 CFR 1.83(a) because they fail to show the manifest in the RAM (Figure 2, Element 25), the hard disk drive (Figure 2, Element 27), the magnetic disk drive (Figure 2, Element 28), and the optical disk drive (Figure 2, Element 30) as

described in the specification. Any structural detail that is essential for a proper understanding of the disclosed invention should be shown in the drawing. MPEP § 608.02(d). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference character "110" has been used to designate both "the document" and "the performance review." Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they include the following reference characters not mentioned in the description:

- Element 105 in Figure 2;
- Elements 140 and 150 in Figure 3;
- Elements 500, 510, and 520 in Figure 5;
- Elements 610, 620, 630, and 640 in Figure 6;
- Element 710 in Figure 7;
- Element 810 in Figure 8;
- Element 910 in Figure 9; and
- Element 1120 in Figure 11.

Corrected drawing sheets in compliance with 37 CFR 1.121(d), or amendment to the specification to add the reference character(s) in the description in compliance with 37 CFR 1.121(b) are required in reply to the Office action to avoid abandonment of the application.

Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the Examiner, the Applicant will be notified and informed of any required corrective action in the next Office action. The objections to the drawings will not be held in abeyance.

Specification

5. The disclosure is objected to because of the following informalities:

- The specification contains the following typographical errors:
  - The letter "e" in "resume" should be replaced by the letter "e" with the acute accent (é) in page 1, lines 26 and 30. Although the word "resumé" is also acceptable with the letter "e" instead of the letter "e" with the acute accent (é), applicant is

advised to choose either convention and make the correction in order to keep the terminology consistent throughout the specification.

o The reference number "110" should be changed to "100" in page 5, line 7, since "110" is used to designate the document, whereas "100" is used to designate the application.

o The device "an optical drive interface" should be changed to "an optical disk drive interface" in page 12, line 22-23. Applicant is advised to make the correction in order to keep the terminology consistent between the drawing and the specification.

o The phrase 'complete the "objective" section the performance review document ...' should presumably be read 'complete the "objective" section in the performance review document ...' in page 14, line 22.

o The letter "a" in "active," the letter "s" in "server," and the letter "p" in "page" should be capitalized in page 22, line 27.

o The word "an" should be changed to "and" in page 25, line 21.

- The explanation of what the acronym "dll" stands for should be stated after the first occurrence of the acronym "dll," which is in page 5, lines 29.

- The specification contains missing application number and filing date for the patent application incorporated by reference in page 10, line 30.

- The specification contains a program listing with more than 60 lines of code, which is submitted as part of the specification, must be positioned at the end of the description, but before the claims. See 37 CFR 1.96(b)(2)(ii).

Appropriate correction is required.

Claim Objections

6. **Claims 5, 6, 8, 9, and 12-18** are objected to because of the following informalities:

- **Claims 5 and 16** contain a typographical error: the letter "a" in "active," the letter "s" in "server," and the letter "p" in "page" should be capitalized.
- **Claim 6** contains a typographical error: the phrase "profile information associated for the user of the document" should presumably be read "profile information associated with the user of the document" in the sixth limitation.
- **Claim 8** contains a typographical error: the phrase "each namespace/solution matches ..." should presumably be read "each namespace/solution pair matches ..."
- **Claim 9** contains the following typographical errors:
  - There should be a semicolon (;) instead of a comma (,) at the end of second limitation.
  - There should be a comma (,) instead of a semicolon (;) to separate the "if" clause and the "replacing" clause.
- **Claims 12-18** contain a typographical error: there should be a hyphen (-) between the words "computer" and "readable" in the preamble.
- **Claim 18** contains a typographical error: the word "method" should be deleted in the preamble.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. **Claims 1-4, 6, 9, and 12-15** are rejected under 35 U.S.C. 102(b) as being anticipated by **Donohue et al. (US 5,987,480)**.

As per **Claim 1**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality, comprising the steps of:

A. Attaching a schema to a document defining permissible data content, data type and data structure for the document *(see Column 8, Lines 25-54)*;

B. Structuring the document to associate the document with the schema *(see Column 10, Lines 10-17)*;

C. Associating a document solution with the document structure *(see Column 10, Lines 34-42)*;

D. Assembling a plurality of software components comprising one or more document solutions at a location remote from the document *(see Column 10, Lines 49-51)*;

E. Obtaining profile information associated with a user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

F. Generating a document solution tailored to the profile information associated with the user of the document *(see Column 11, Lines 21-25)*; and

G. Downloading the tailored document solution to the application for provision of functionality provided by the tailored document solution to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18)*.

As per **Claim 2**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 1 above**, and further disclose that assembling the plurality of software components includes assembling the plurality of software components comprising one or more document solutions in a manifest of document solutions *(see Column 7, Lines 37-41)*; and

Prior to obtaining profile information associated with a user of the document, calling the manifest to request the tailored document solution, and passing an identification of the user of the document to the manifest with the request for the tailored document *(see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2)*.

As per **Claim 3**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 2 above**, and further disclose that in response to the identification of the user of the document, calling a user information database from the manifest

to obtain profile information associated with the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*; and

Generating a document solution tailored to the profile information associated with the user of the document includes selecting one or more document solution components from a plurality of document solution components based on the profile information *(see Column 10, Lines 60-65)*.

As per **Claim 4**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 3 above**, and further disclose that the method, prior to the step of downloading the software components to the application, comprising the steps of:

A. Determining whether the document solution associated with the document structure is present in a local library of software components *(see Figure 5, Element 110; and Column 12, Lines 58-60)*; and

B. If the plurality of software components is not present in the local library of software components, calling the manifest for obtaining the document solution *(see Column 7, Lines 49-53)*.

As per **Claim 6**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document, comprising the steps of:

A. Obtaining the document *(see Figure 3A, Element 48)*;

B. Determining whether the document references a document solution *(see Figure 3A, Element 54; and Column 10, Lines 37-42)*;

C. If the document references a document solution, calling a manifest of document solutions for the document solution *(see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2)*;

D. Passing an identification of a user of the document to the manifest of document solutions *(see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2)*;

E. At the manifest, calling a database of user information with the identification of the user for obtaining profile information for the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

F. Obtaining profile information associated with the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

G. At the manifest, generating a document solution tailored to the profile information associated with the user of the document *(see Column 11, Lines 21-25)*; and

H. Downloading the tailored document solution to the application for provision of functionality provided by the tailored document solution to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18)*.

As per **Claim 9**, Donohue et al. disclose a method of managing a document solution downloaded by a software application for use with one or more documents, comprising:

A. Obtaining a document at the software application *(see Figure 3A, Element 48)*;

B. Determining whether the document contains a property identifying the document as being part of a document solution *(see Figure 3B, Elements 58 and 60; and Column 10, Lines 51-55)*;

C. If the document contains a property identifying the document as being part of a document solution, passing a solution directory for a document solution matching the property identifying the document as being part of a document solution *(see Figure 3B, Element 62; and Column 10, Lines 60-65)*; and

D. If the solution directory contains a document solution matching the property identifying the document as being part of a document solution, replacing the document solution contained in the solution directory with the document obtained at the software application *(see Figure 3B, Element 64; and Column 10, Lines 60-65)*.

As per **Claim 12**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality, comprising the steps of:

A. Attaching a schema to a document defining permissible data content, data type and data structure for the document *(see Column 8, Lines 25-54)*;

B. Structuring the document to associate the document with the schema *(see Column 10, Lines 10-17)*;

C. Associating a document solution with the document structure *(see Column 10, Lines 34-42)*;

D. Assembling a plurality of software components comprising one or more document solutions at a location remote from the document *(see Column 10, Lines 49-51)*;

E. Obtaining profile information associated with a user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

F. Generating a document solution tailored to the profile information associated with the user of the document *(see Column 11, Lines 21-25)*; and

G. Downloading the tailored document solution to the application for provision of functionality provided by the tailored document solution to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18).*

As per **Claim 13,** Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 12 above,** and further disclose that assembling the plurality of software components includes assembling the plurality of software components comprising one or more document solutions in a manifest of document solutions *(see Column 7, Lines 37-41)*; and

Prior to obtaining profile information associated with a user of the document, calling the manifest to request the tailored document solution, and passing an identification of the user of the document to the manifest with the request for the tailored document *(see Column 7, Lines 49-53 and 64-67; and Column 8, Lines 1-2).*

As per **Claim 14**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 13 above**, and further disclose that in response to the identification of the user of the document, calling a user information database from the manifest to obtain profile information associated with the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*; and

Generating a document solution tailored to the profile information associated with the user of the document includes selecting one or more document solution components from a plurality of document solution components based on the profile information *(see Column 10, Lines 60-65)*.

As per **Claim 15**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 14 above**, and further disclose that the method, prior to the step of downloading the software components to the application, comprising the steps of:

A. Determining whether the document solution associated with the document structure is present in a local library of software components *(see Figure 5, Element 110; and Column 12, Lines 58-60)*; and

B. If the plurality of software components is not present in the local library of software components, calling the manifest for obtaining the document solution *(see Column 7, Lines 49-53)*.

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

10. **Claims 5 and 16** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Donohue et al. (US 5,987,480)**.

As per **Claim 5**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 4 above**. However, Donohue et al. does not explicitly disclose that the manifest is an Active Server Page operative to call the user information database to obtain the profile information for the user of the document and to generate the tailored document solution by selecting one or more document solution components from a plurality of document solution components based on the profile information.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the manifest as an Active Server Page operative in the system

of Donohue et al., since Donohue et al. already stores the manifest on a Web server containing script files *(see Column 6, Line 67; and Column 7, Lines 1-14 and 34-35)*. One would have been motivated to implement the manifest as an Active Server Page operative since ASP is a very well known Web programming scripting language that provides simplicity, speed, and security.

As per **Claim 16**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing updates or additions to application or document functionality **as in Claim 15 above**. However, Donohue et al. does not explicitly disclose that the manifest is an Active Server Page operative to call the user information database to obtain the profile information for the user of the document and to generate the tailored document solution by selecting one or more document solution components from a plurality of document solution components based on the profile information.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made to implement the manifest as an Active Server Page operative in the system of Donohue et al., since Donohue et al. already stores the manifest on a Web server containing script files *(see Column 6, Line 67; and Column 7, Lines 1-14 and 34-35)*. One would have been motivated to implement the manifest as an Active Server Page operative since ASP is a very well known Web programming scripting language that provides simplicity, speed, and security.

11. **Claims 7, 8, 10, 11, 17, and 18** are rejected under 35 U.S.C. 103(a) as being unpatentable over **Donohue et al. (US 5,987,480)** in view of **Forbes et al. (US 6,381,742)**.

As per **Claim 7**, Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document **as in Claim 6 above**, and further disclose calling the location of the document solution identified by the document solution identification *(see Column 7, Lines 49-53)* and downloading the document solution identified by the document solution identification to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18)*.

However, Donohue et al. does not explicitly disclose that if the document does not reference a document solution, determining whether the document references a namespace associated with structure applied to the document; if the document references a namespace, calling a manifest collection, and determining whether the manifest collection contains a document solution identification associated with the document namespace; and if the manifest collection contains a document solution identification associated with the document namespace, obtaining a location of the document solution identified by the document solution identification.

In the same field of endeavor, Forbes et al. disclose a software package manager that uses a distribution unit containing components for a software package and a manifest file that describes the distribution unit to manage the installation, execution, and uninstallation of software packages on a computer. In the system of Forbes et al., the presence of a namespace XML tag in the manifest file causes the package manager to associate the files and components of the corresponding application in the code store data structure with the unique namespace specified in the tag *(see Column 14, Lines 20-24)*. When an application is executed, the package manager passes the associated namespace name to the computer's runtime environment so that

any files and components installed in that namespace are visible to the application *(see Column 14, Lines 24-29)*. The manifest file is stored separately from the distribution unit *(see Column 14, Lines 49-52)*. The manifest file directs the package manager to the location of the distribution unit for the software application *(see Column 14, Lines 58-60)*.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate a namespace associated with the document in the system of Donohue et al., since Donohue et al. already utilizes a template that contains text and standard HTML tags *(see Figure 2; and Column 8, Lines 25-30)* for declaring namespaces and a data source storing content to be inserted in the templates *(see Figure 1, Element 12; and Column 7, Lines 37-39)*. One would have been motivated to incorporate a namespace associated with the document in order to assure that applications will function correctly even though identically named and having common components or files and that the applications will continue to function correctly irregardless of the number of applications using the same components or files, which may be installed on the computer *(see Column 14, Lines 42-48)*.

As per **Claim 8**, Donohue et al., as modified by Forbes et al., disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document **as in Claim 7 above**. However, Donohue et al., and Forbes et al., do not explicitly disclose that the method further comprising populating the manifest collection with one or more namespace/solution pairs whereby each namespace/solution pair matches a document solution to a particular document namespace.

Nevertheless, it would have been obvious to one of ordinary skill in the art at the time the invention was made to populate the manifest collection with one or more namespace/solution pairs whereby each namespace/solution pair matches a document solution to a particular document namespace in the system of Donohue et al., since Donohue et al. is already populating other related data in the same manner where content from the data source are store in a container class as a pool of name/value pairs *(see Column 7, Lines 59-61)*. One would have been motivated to populate the manifest collection with one or more namespace/solution pairs whereby each namespace/solution pair matches a document solution to a particular document namespace in order to provide a quick and efficient lookup of one-to-one relationship data.

As per **Claim 10,** Donohue et al. disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document, comprising the steps of:

A. Obtaining the document *(see Figure 3A, Element 48)*;

B. Calling the location of the document solution identified by the document solution identification *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18)*; and

C. Downloading the document solution identified by the document solution identification to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18)*.

However, Donohue et al. does not explicitly disclose that the method comprising the steps of:

A. Determining whether the document references a document namespace;

B. If the document references a document namespace, determining whether a manifest collection contains a document solution identification associated with the document namespace; and

C. If the manifest collection contains a document solution identification associated with the document namespace, obtaining a location of the document solution identified by the document solution identification.

In the same field of endeavor, Forbes et al. disclose a software package manager that uses a distribution unit containing components for a software package and a manifest file that describes the distribution unit to manage the installation, execution, and uninstallation of software packages on a computer. In the system of Forbes et al., the presence of a namespace XML tag in the manifest file causes the package manager to associate the files and components of the corresponding application in the code store data structure with the unique namespace specified in the tag *(see Column 14, Lines 20-24)*. When an application is executed, the package manager passes the associated namespace name to the computer's runtime environment so that any files and components installed in that namespace are visible to the application *(see Column 14, Lines 24-29)*. The manifest file is stored separately from the distribution unit *(see Column 14, Lines 49-52)*. The manifest file directs the package manager to the location of the distribution unit for the software application *(see Column 14, Lines 58-60)*.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate a namespace associated with the document in the system of Donohue et al., since Donohue et al. already utilizes a template that contains text and standard HTML tags *(see Figure 2; and Column 8, Lines 25-30)* for declaring namespaces and a data

source storing content to be inserted in the templates *(see Figure 1, Element 12; and Column 7, Lines 37-39)*. One would have been motivated to incorporate a namespace associated with the document in order to assure that applications will function correctly even though identically named and having common components or files and that the applications will continue to function correctly irregardless of the number of applications using the same components or files, which may be installed on the computer *(see Column 14, Lines 42-48)*.

As per **Claim 11**, Donohue et al., as modified by Forbes et al., disclose a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document **as in Claim 10 above**, and Donohue et al. further disclose that the method, prior to downloading the document solution identified by the document solution identification to the document, comprising:

A. Passing an identification of a user of the document to a manifest of document solutions identified by the document solution identification as the location of the document solution *(see Column 7, Lines 37-41)*;

B. At the manifest, calling a database of user information with the identification of the user for obtaining profile information for the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

C. Obtaining profile information associated for the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

D. At the manifest, generating a document solution tailored to the profile information associated with the user of the document *(see Column 11, Lines 21-25)*; and

E. Whereby downloading the document solution identified by the document solution identification to the document includes downloading the tailored document solution to the document for providing the functionality of the tailored document solution to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18).*

As per **Claim 17**, Donohue et al. disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document, comprising the steps of:

A. Obtaining the document *(see Figure 3A, Element 48)*;

B. Calling the location of the document solution identified by the document solution identification *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18)*; and

C. Downloading the document solution identified by the document solution identification to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18).*

However, Donohue et al. does not explicitly disclose that the method comprising the steps of:

A. Determining whether the document references a document namespace;

B. If the document references a document namespace, determining whether a manifest collection contains a document solution identification associated with the document namespace; and

C. If the manifest collection contains a document solution identification associated with the document namespace, obtaining a location of the document solution identified by the document solution identification.

In the same field of endeavor, Forbes et al. disclose a software package manager that uses a distribution unit containing components for a software package and a manifest file that describes the distribution unit to manage the installation, execution, and uninstallation of software packages on a computer. In the system of Forbes et al., the presence of a namespace XML tag in the manifest file causes the package manager to associate the files and components of the corresponding application in the code store data structure with the unique namespace specified in the tag *(see Column 14, Lines 20-24)*. When an application is executed, the package manager passes the associated namespace name to the computer's runtime environment so that any files and components installed in that namespace are visible to the application *(see Column 14, Lines 24-29)*. The manifest file is stored separately from the distribution unit *(see Column 14, Lines 49-52)*. The manifest file directs the package manager to the location of the distribution unit for the software application *(see Column 14, Lines 58-60)*.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate a namespace associated with the document in the system of Donohue et al., since Donohue et al. already utilizes a template that contains text and standard HTML tags *(see Figure 2; and Column 8, Lines 25-30)* for declaring namespaces and a data source storing content to be inserted in the templates *(see Figure 1, Element 12; and Column 7, Lines 37-39)*. One would have been motivated to incorporate a namespace associated with the document in order to assure that applications will function correctly even though identically

named and having common components or files and that the applications will continue to function correctly irregardless of the number of applications using the same components or files, which may be installed on the computer *(see Column 14, Lines 42-48)*.

As per **Claim 18**, Donohue et al., as modified by Forbes et al., disclose a computer-readable medium containing computer executable instructions which when executed by a computer perform a method of downloading software components from a remote source to a software application for providing a desired solution to a computer-generated document **as in Claim 17 above**, and Donohue et al. further disclose that the method, prior to downloading the document solution identified by the document solution identification to the document, comprising:

A. Passing an identification of a user of the document to a manifest of document solutions identified by the document solution identification as the location of the document solution *(see Column 7, Lines 37-41)*;

B. At the manifest, calling a database of user information with the identification of the user for obtaining profile information for the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

C. Obtaining profile information associated for the user of the document *(see Column 7, Lines 64-67; and Column 8, Lines 1-2)*;

D. At the manifest, generating a document solution tailored to the profile information associated with the user of the document *(see Column 11, Lines 21-25)*; and

E. Whereby downloading the document solution identified by the document solution identification to the document includes downloading the tailored document solution to the document for providing the functionality of the tailored document solution to the document *(see Column 7, Lines 6-7 and 25-33; and Column 11, Lines 16-18).*

Conclusion

12. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

A. **Rodov (US 6,697,837)** discloses a method of creating and storing a re-accessible, browser independent end user profile on the end user's computer, at least upon initial access, of an e-commerce website offering the purchase, downloading, and installation of software or information (data) therefrom, without requiring the user to repeatedly enter the profile information.

B. **Parthasarathy et al. (US 6,802,061)** disclose automatically downloading, verifying, installing, registering, and displaying computer software components from computer networks like Internet or an intranet.

C. **Murray et al. (US 6,874,143)** disclose systems and methods for providing software via a network by using software extensions.

D. **Lee et al. (US 6,880,129)** disclose a mechanism for generating namespaces in graphical user interface (GUI) page definitions.

E. **Glaser et al. (US 6,944,857)** disclose a system and method for updating an installation of an application program using a configuration of the application program corresponding to a particular user.

F. **Ben-Shaul et al. (US 6,976,090)** disclose a technique for content and application level distribution and customization of data and applications across the Internet using an integrated combination of origin servers and spatially distributed controlled edge servers to efficiently deliver content differentiated electronic content or data from content providers to various classes of consumers.

G. **Srivastava et al. (US 2002/0120685)** disclose methods and apparatus for providing information-based services from a plurality of diverse resources to one or more users.

H. **Mah et al. (US 2003/0014745)** disclose a method for updating a document module for use with an application program on a remote computer from a host computer.

I. **Lucovsky (US 2004/0199861)** discloses a schema-based documents service for Internet access to per-user document data, wherein access to data is based on each user's identity.

J. **Katano (US 2004/0201867)** discloses a system and method for providing updated help and solution information at a printing device.

Any inquiry concerning this communication or earlier communications from the Examiner should be directed to Qing Chen whose telephone number is 571-270-1071. The Examiner can normally be reached on Monday through Thursday from 7:30 AM to 4:00 PM. The Examiner can also be reached on alternate Fridays.

If attempts to reach the Examiner by telephone are unsuccessful, the Examiner's supervisor, James W. Myhre, can be reached on 571-270-1065. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

QC / QC
July 24, 2006

James W. Myhre
Supervisory Patent Examiner

Date Mailed: January 21, 2004

Sheet 1 of 1

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182USII/MS3039141	Application Number: 10/731,899
	Applicant: Jones et al.	
	Filing Date: Dec. 9, 2003	Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	5,895,461	04/1999	De La Huerga et al.	707	1	
QC	6,272,505	08/2001	De La Huerga	707	501	
QC	6,308,171	10/2001	De La Huerga	707	3	
QC	6,323,853	11/2001	Hedloy	345	339	
QC	6,516,321	02/2003	De La Huerga	707	102	
QC	5,995,756	11/1999	Herrmann	395	712	
QC	6,122,647	09/2000	Horowitz et al.	707	513	
QC	6,347,398	02/2002	Parthasarathy et al.	717	11	
QC	US 2001/0029605 A1	10/2001	Forbes et al.	717	11	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
	~~EP 0598511 A~~	~~05/1994~~	~~Europe~~	~~G06F~~	~~9/445~~ N/A		
	~~WO 02/15518 A2~~	~~02/2002~~	~~PCT~~	~~H04L~~	~~29/00~~ N/A		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		~~U.S. Patent Application No. 10/366,141, filed February 13, 2003, entitled "Linking Elements of a Document to Corresponding Fields, Queries and/or Procedures in a Database", Inventors: Jones et al.~~ N/A
		~~U.S. Serial No. 10/164,060, filed June 6, 2002, entitled "System and Method for Providing Namespace Related Information", Inventors: Reynar et al.~~ N/A
		~~U.S. Serial No. 10/184,190, filed June 27, 2002, entitled "System and Method for Providing Namespace Related Information", Inventors: Jones et al.~~ N/A
		~~U.S. Serial No. 10/164,260, filed June 5, 2002, entitled "Mechanism for Downloading Software Components from a Remote Source for Use by a Local Software Application, Inventors: Reynar et al.~~ N/A

27488
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EXAMINER /Qing Chen/	DATE CONSIDERED 07/21/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

*Substitute Disclosure Statement Form (PTO-1449)

Date Mailed: August 4, 2004

FORM 1449*

INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 60001.0182US11/MS3039141	Application Number: 10/731,899
Applicant: Jones et al.	
Filing Date: Dec. 9, 2003	Group Art Unit:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	6,480,860	11/2002	Monday	707	102	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QC		Fernandex M. et al., "SilkRoute: Trading Between Relations and XML", Computer Networks, Elsevier Science Publishers B.V., Amsterdam NL, vol. 33, no. 1-6, June 2000 (2000-06), pp. 723-745.
QC		Braganholo VDP; "Updating Relationship Databases Through XML Views", Technical Report RP-328, Online (http://www.inf.ufrgs.br/{vanessa/disc/iplinas/PropostaTese.pdf), Porto Alegre, RS, Brasil, September 2002 (2002-09), XP-002279067, pp. 1-61.
QC		Falquet G et al., "Design and Analysis of Active Hypertext Views on Databases", CUI-Technical Report, Online (http://cui.unige.ch/isi/reports/design-anls-ahtv.pdf), January 2002 (2002-01), XP-002279068, pp. 1-24.
QC		Ceri S et al., "Deriving Production Rules for Incremental View Maintenance", Proceedings of the International Conference on Very Large Data Bases, 1994, XP-00914159, pp. 577-589
QC		Bonifati A., "Active Behaviors Within XML Document Management", EDBT Ph.D. Workshop, (EDBT Ph.D. WS 2000), Online (http://www.edbt2000.uni-konstanz.de/phd-workshop/papers/Bonifati.ps), March 2000 (2000-03), Konstanz, Germany, XP-002279069, pp. 1-4.

EXAMINER /Qing Chen/	DATE CONSIDERED 07/21/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

*Substitute Disclosure Statement Form (PTO-1449)

Date Mailed: May 24, 2005

Sheet 1 of 1

FORM 1449	Docket Number:	Application Number:
INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	60001.0182USII/MS3039141	10/731,899
	Applicant: Jones et al.	
	Filing Date: Dec. 9, 2003	Group Art Unit:

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	2002/0103829	08-2002	Manning et al.	707	513	
QC	2002/0196281	12-2002	Audleman et al.	345	762	
QC	2003/0084138	05-2003	Tavis et al.	709	223	
QC	6,687,485	02-2004	Hopkins et al.	434	350	

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
QC		Official Action issued by USPTO dated April 8, 2005 in connection with Serial No. 10/164,960 filed June 6, 2002 (32 pages)

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/21/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: July 27, 2005

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182USI1/MS303914.01	Application Number: 10/731,899
	Applicant: Jones et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	2004/0003389	01-2004	Reynar et al.			
QC	2002/0066073	05-2002	Lienhard et al.	717	105	
QC	2002/0078222	06-2002	Compas et al.	709	232	
QC	2002/0100036	07-2002	Moshir et al.	717	173	
QC	2002/0104080	08-2002	Woodard et al.	717	176	
QC	2002/0120685	08-2002	Srivastava et al.	709	203	
QC	2002/0129107	09-2002	Loughran et al.	709	206	
QC	2002/0188941	12-2002	Cicciarelli et al.	717	175	
QC	2003/0005411	01-2003	Gerken	717	120	
QC	2003/0051236	03-2003	Pace et al.	717	177	
QC	2003/0056207	03-2003	Fischer et al.	717	174	
QC	6,353,926	3-2002	Pathesarathy et al.	717	170	
QC	6,424,979	07-2002	Livingston et al.	715	511	
QC	6,631,519	10-2003	Nicholson et al.	717	169	
QC	6,715,144	03-2004	Daynes et al.	717	174	
QC	6,874,143	03-2005	Murray et al.	717	173	
QC	2003/0121033	06-2003	Peev et al.	717	175	
QC	2003/0192040	10-2003	Vaughan	171	173	
QC	5,627,958	05-1997	Potts et al.	715	708	
QC	5,845,077	12-1998	Fawcett	709	221	
QC	5,933,498	08-1999	Schneck et al.	705	54	
QC	6,052,531	04-2000	Waldin et al.	717	170	
QC	6,151,643	11-2000	Cheng et al.	710	36	
QC	6,173,316	01-2001	DeBoor et al.	709	218	
QC	6,199,081	03-2001	Meyerzon et al.	715	513	
QC	6,219,698	04-2001	Iannucci et al.	709	221	

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/21/2006

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*Substitute Disclosure Statement Form (PTO-1449)

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182USII/MS303914.01	Application Number: 10/731,899
	Applicant: Jones et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

EXAMINER INITIAL		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
QC		"Integrating with External Systems: iPlanet™ Unified Development Server", Sun Microsystems, Inc., Ver. 5.0, 08/2001, pp. 127-156.
QC		Sperberg-McQueen, C.M. and Thompson, Henry, "XML Schema", W3C Architecture Domain, http://web.archive.org/web/20020802155904/http://www.w3.org/XML/Schema, 2000-2002, pp. 1-10.
QC		Quin, Liam, "Extensible Markup Language (XML)", W3C Architecture Domain, http://web.archive.org/web/2002121962057/http://www.w3.org/XML/, 1996-2002, pp. 1-3.
QC		Clark, James, and DeRose, Steve, "XML Path Language (XPath), Version 1.0", W3C, http://web.archive.org/web/2021010034434/http://www.w3.org/TR/xpath, 1999-2000, pp. 1-31.
QC		"Microsoft BizTalk Server 2002 - Using BizTalk Mapper", http://msdn.Microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_intro_zkqb.asp..., Microsoft Corporation, 1999-2001, pp. 1-2.
QC		"BizTalk Server 2002 Mapper User Interface", http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_codw..., Microsoft Corporation, 1999-2001, pp. 1.
QC		"BizTalk Server 2002 Compiling ~~Data~~ Maps", http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_drgl.a..., Microsoft Corporation, 1999-2001, pp. 1.
QC		"BizTalk Server 2002 Testing Maps", http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_concept_fhhy.a..., Microsoft Corporation, 1999-2001, pp. 1-2.
QC		"BizTalk Server 2002 View Links and Functoids By Using Grid Preview", http://msdn.microsoft.com/library/en-us/bts_2002/htm/lat_xmltools_map_check_fuwn.as..., Microsoft Corporation, 1999-2001, pp. 1.
QC		"The StarOffice™ 6.0 Suite: New Features Guide", Sun Microsystems, V. 1.1, July 2002, pp. 1-31.
QC		"New Microsoft Office Family Application Taps Power of Industry-Standard XML", http://www.microsoft.com/presspass/press/2002/oct02/10-09officefamilypr.mspx, Microsoft Corporation, 10/2002-02/2003, pp. 1-2.
QC		"Q&A: How 'XDocs' Alters the Paradigm for Gathering Business-Critical Information", http://www.microsoft.com/presspass/press/2002/oct02/10-09officefamily.mspx, Microsoft Corporation, 10/2002-02/2003, pp. 1-4.
QC		"InfoPath: Microsoft Names New Product from Office Group", http://www.microsoft.com/presspass/press/2003/feb03/02-10infopath.mspx, Microsoft Corporation, 10/2002-02/2003, pp.1-4.
QC		"Microsoft Unveils Visual Studio.NET Enterprise Tools", Microsoft Corporation, http://microsoft.com/presspass/press/2001/may01/05-21vseepr.mspx, 05/2001, pp. 1-4.
QC		"Microsoft Extends XML Web Services Support in .NET Enterprise Servers Through Visual Studio .NET", http://www.microsoft.com/presspass/press/2002/feb02/02-13servervspr.mspx, Microsoft Corporation, 02/2002, pp. 1-3.

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/21/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182USI1/MS303914.01	Application Number: 10/731,899
	Applicant: Jones et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

EXAMINER INITIAL		OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
QC		"Integrated Development Environment (IDE)", http://web.archive.org/web/20020602032242/http://altova.com/products_ide.html, 06/2002, pp. 1-2
QC		"How to Use XSL to Transform Excel XML Spreadsheet for Server-Side Use", http://support.microsoft.com/default.aspx?scid=kb;en-us;278976, Microsoft Corporation, 08/2004, pp. 1-7.
QC		"Altova markup your mind!", http://web.archive.org/web/20021204211721/http://altova.com/products_ide.html, 12/2002, pp. 1-3
QC		"Arbortext and Accessibility", http://web.archive.org/web/20021219133536/www.arbortext.com/html/accessibility.html, 12/2002, pp. 1-5
QC		"XML Compliance, 100% Pure XML", http:web.archive.org/web/20021209185855/www.arbortext.com/html/xml_compliance, 12/2002, pp.1-3
QC		"Schemas", http://web.archive.org/web/20021221023148/www.arbortext.com/html/schemas.html, 12/2002, pp. 1-3
QC		"Arbortext's Support for XSL-FO", http://web.archive.org/web/20021221021632/www.arbortext.com/html/xsl-fo.html. 12/2002, pp. 1-4
QC		"Corel XMetal[4], Making XML Content Creation Easy", http://web.archive.org/web/20031118215158/www.corel.com/servlet/Satellite?pagename, 2003/11, pp. 1-2
QC		"Corel XMetal 4 and Interwoven TeamXML", http://web.archive.org/web/20030807211225/www.corel.com/futuretense_cs/ccurl/corel+xml+4+and+interwoven+teamxml.pdf, 08/2003, pp. 1-2
QC		"The Corel-XyEnterprise XML Solution", http://web.archive.org/web/20030807154355/www.corel.com/futuretense_cs/ccurl/corel+and+XY+enterprise+XML+solution.pdf, 08/2003, pp. 1-2

EXAMINER /Qing Chen/	DATE CONSIDERED 07/21/2006	27488 PATENT TRADEMARK OFFICE

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: October 31, 2005

FORM PTO-1449 — INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)

Docket Number: 60001.0182USII/MS# 303914.1	Application Number: 10/731,899
Applicant: Jones, et al.	
Filing Date: December 9, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	~~6,996,756 A~~	~~11/1999~~	~~Herrmann~~	~~395~~	~~712~~ DUP	
QC	5,802,262 A	09/1998	Van De Vanter	395	180	
QC	5,913,214 A	06/1999	Madnick et al.	707	10	
QC	5,802,253 A	09/1998	Gross et al.	395	51	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	TRANSLATION NO
QC	WO 01/37170 A2/A3	05/25/2001	WIPO				
	~~WO 95/07510A~~	~~03/16/1995~~	~~WIPO~~ N/A				
	~~EP 0 481 784 A~~	~~04/22/1992~~	~~EP~~ N/A				
	~~WO 99 17240 A~~	~~04/08/1999~~	~~WIPO~~ N/A				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QC		U.S. Office Action, dated September 2, 2005, Application No. 10/366,141, filed February 13, 2003, entitled, " Linking Elements of a Document to Corresponding Fields, Queries and/or Procedures in a Database," Inventors: Brian Jones, Marcin Sawicki.
		~~Homen, Alon; Enfield, Andrew; Gross, Christian; Jakab, Stephen; Hartwell, Bruce; Gill, Darren; Francis, Brian; Harrison, Richard, "Professional Active Server Pages", WROX Press Ltd., 1997, Chapter 6, Part 2, Section "Client-Side Scripting and Components", Subsection "Choosing Your Applets and Controls", pgs. 1-32.~~ N/A
QC		Flanagan, David; "JavaScript - The Definitive Guide, Fourth Edition", January 2002.
		~~Brockschmidt, Kraig, "Inside OLE, Second Edition", 1995 Microsoft Press, pg. 169.~~ N/A
		~~Toth, Viktor, "Visual C++ 4 Unleashed", 1996, Sams Publishing, pg. 174.~~ N/A
		~~Bosak, "XML, The Universal Publishing Format," SGML/XML Europe 1998, (XP00220575) May, 1998, pages A1-C17.~~ N/A
		~~Kristensen, "Template Resolution In XML/HTML," Computer Networks and ISDN Systems, Vol. 30, 1998, (XP004121423) pgs. 239-249.~~ N/A
		~~Pan, et al., "FormPlus: A Form Authoring Toolkit," PROCEEDINGS OF THE FOURTEENTH ANNUAL COMPUTER SOFTWARE AND APPLICATIONS CONFERENCE," Oct. 31 - Nov. 2, 1990, pgs. 255-260 (XP000223616).~~ N/A

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/21/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM [illegible] INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182US11/MS# 303914.1	Application Number: 10/731,899
	Applicant: Jones, et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		~~Boone, "Concept Features in Re: Agent, An Intelligent Email Agent," PROCEEDINGS OF THE 2ND INTERNATIONAL CONFERENCE ON AUTONOMOUS AGENTS, May 9-13, 1998, (XP000887407), pgs. 141-148.~~ N/A
		~~Pakkinen, et al., "CAFE: A Conceptual Model for Managing Information In Electronic Mail," PROCEEDINGS OF THE ANNUAL HAWAII INTERNATIONAL CONFERENCE ON SYSTEM SCIENCES, 1998 (XP000775029), pgs. 44-53.~~ N/A

27488
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EXAMINER	/Qing Chen/	DATE CONSIDERED	07/21/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

Date Mailed: April 20, 2006

FORM 1449*

FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

IN AN APPLICATION

(Use several sheets if necessary)

Docket Number: 60001.0182USII/MS#303914.1	Application Number: 10/731,899
Applicant: Jones, et al.	
Filing Date: December 9, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	4,674,065	06/1987	Lange et al.	382	311	
QC	4,868,750	09/1989	Kucera et al.	711	2	
QC	5,020,019	05/1991	Ogawa	707	5	
QC	5,128,865	07/1992	Sadler	704	2	
QC	5,159,552	10/1992	van Gasteren et al.	704	1	
QC	5,267,155	11/1993	Buchanan et al.	715	540	
QC	5,317,546	05/1994	Balch et al.	368	9	
QC	5,337,233	08/1994	Hofert et al.	715	540	
QC	5,341,293	08/1994	Vertelney et al.	715	530	
QC	5,351,190	09/1994	Kondo	704	8	
QC	5,392,386	02/1995	Chalas	715	841	
QC	5,446,891	08/1995	Kaplan et al.	395	600	
QC	5,541,836	07/1996	Church et al.	704	7	
QC	5,596,700	01/1997	Darnell et al.	715	512	
QC	5,617,565	04/1997	Augenbraun et al.	395	604	
QC	5,625,783	04/1997	Ezekiel et al.	395	352	
QC	5,634,019	05/1997	Koppolu et al.	715	744	
QC	5,640,560	06/1997	Smith	395	615	
QC	5,657,259	08/1997	Davis et al.	708	204	
QC	5,708,825	01/1998	Sotomayor	395	762	
QC	5,717,923	02/1998	Dedrick	395	613	
QC	5,752,022	05/1998	Chiu et al.	395	610	
QC	5,761,689	06/1998	Rayson et al.	707	533	
QC	5,781,189	07/1998	Holleran et al.	715	826	

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	5,781,904	07/1998	Oren et al.	707	100	
QC	5,794,257	08/1998	Liu et al.	707	501	
QC	5,802,299	09/1998	Logan et al.	395	200.48	
QC	5,802,530	09/1998	van Hoff	707	513	
QC	5,805,911	09/1998	Miller	395	796	
QC	5,809,318	09/1998	Rivette et al.	715	512	
QC	5,815,830	09/1998	Anthony	707	6	
QC	5,818,447	10/1998	Wolf et al.	715	752	
QC	5,821,931	10/1998	Berquist et al.	715	784	
QC	5,822,539	10/1998	van Hoff	395	200.66	
QC	5,826,025	10/1998	Gramlich	395	200.47	
QC	5,855,007	12/1998	Jovicic et al.	705	14	
QC	5,859,636	01/1999	Pandit	715	501.1	
QC	5,872,973	02/1999	Mitchell et al.	395	685	
QC	5,875,443	02/1999	Nielsen	707	2	
QC	5,892,919	04/1999	Nielsen	395	200.58	
QC	5,893,073	04/1999	Kasso et al.	705	8	
QC	5,896,321	04/1999	Miller et al.	365	189.01	
QC	5,900,004	05/1999	Gipson	707	530	
QC	5,920,859	07/1999	Li	707	5	
QC	5,946,647	08/1999	Miller et al.	704	9	
QC	5,948,061	09/1999	Merriman et al.	709	219	
QC	5,956,681	09/1999	Yamakita	704	260	
QC	5,974,413	10/1999	Beauregard et al.	707	6	

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	6,006,265	12/1999	Rangan et al.	709	226	
QC	6,014,616	01/2000	Kim	704	8	
QC	6,028,605	02/2000	Conrad et al.	345	840	
QC	6,061,516	05/2000	Yoshikawa et al.	717	109	
QC	6,067,087	05/2000	Krauss et al.	715	762	
QC	6,085,201	07/2000	Tso	715	505	
QC	6,092,074	07/2000	Rodkin e tal.	707	102	
QC	6,108,674	08/2000	Murakami et al.	715	515	
QC	6,112,209	08/2000	Gusack	707	101	
QC	6,121,968	09/2000	Arcuri et al.	345	352	
QC	6,126,306	10/2000	Ando	708	605	
QC	6,137,911	10/2000	Zhilyaev	382	225	
QC	6,141,005	10/2000	Hetherington et al.	715	866	
QC	6,154,738	11/2000	Call	707	4	
QC	6,167,568	12/2000	Gandel et al.	717	176	
QC	6,182,029	01/2001	Friedman	704	9	
QC	6,185,550	02/2001	Snow et al.	707	1	
QC	6,185,576	02/2001	McIntosh	707	200	
QC	6,199,046	03/2001	Heinzle et al.	705	1	
QC	6,262,728	07/2001	Alexander	345	440.1	
QC	6,272,074	08/2001	Winner	368	10	
QC	6,292,768	09/2001	Chan	704	1	
QC	6,295,061	09/2001	Park et al.	715	764	
QC	6,311,177	10/2001	Dauerer et al.	707	2	
QC	6,311,194	10/2001	Sheth et al.	715	505	
QC	6,336,125	01/2002	Noda et al.	715	531	

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	6,336,131	01/2002	Wolfe ~~et al.~~	709	203	
QC	6,338,059	01/2002	Fields et al.	707	4	
QC	6,349,295	02/2002	Tedesco et al.	707	3	
QC	6,434,567	08/2002	De La Huerga	707	102	
QC	6,438,545	08/2002	Beauregard et al.	707	6	
QC	6,477,510	11/2002	Johnson	705	30	
QC	6,493,006	10/2002	Gourdol et al.	345	825	
QC	6,519,603	02/2003	Bays et al.	707	102	
QC	6,546,433	04/2003	Matheson	709	318	
QC	6,556,984	04/2003	Zien	707	2	
QC	6,571,241	05/2003	Nosohara	707	6	
QC	6,618,733	09/2003	White et al.	707	103	
QC	6,623,527	09/2003	Hamzy	715	513	
QC	6,625,581	09/2003	Perkowski	705	27	
QC	6,629,079	09/2003	Spiegel et al.	705	26	
QC	6,636,880	10/2003	Bera	708	206	
QC	6,658,623	12/2003	Schilit et al.	715	513	
QC	6,697,824	02/2004	Bowman-Amuah	709	229	
QC	6,708,189	03/2004	Fitzsimons et al.	707	205	
QC	6,718,516	04/2004	Claussen et al.	715	513	
QC	6,728,679	04/2004	Strubbe et al.	704	270.1	
QC	6,732,090	05/2004	Shanahan et al.	707	3	
QC	6,732,361	05/2004	Andreoli et al.	719	313	
QC	6,745,208	06/2004	Berg et al.	707	201	
QC	6,795,808	09/2004	Strubbe et al.	704	275	
QC	6,826,726	11/2004	Hsing et al.	715	513	
QC	6,868,~~625~~ 525	03/2005	Szabo	715	738	
QC	6,880,129	04/2005	Lee et al.	715	763	

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EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	6,883,137	04/2005	Girardot et al.	715	513	
QC	6,925,457	08/2005	Britton et al.	707	1	
QC	6,925,470	08/2005	Sangudi et al.	707	102	
QC	6,948,133	09/2005	Haley	715	780	
QC	2001/0041328 A1	11/2001	Fisher	434	157	
QC	2001/0056461 A1	12/2001	Kampe et al.	709	201	
QC	2002/0004803 A1	01/2002	Serebrennikov	715	513	
QC	2002/0007309 A1	01/2002	Reynar	705	14	
QC	2002/0026450 A1	02/2002	Kuramochi	707	104.1	
QC	2002/0029304 A1	03/2002	Reynar et al.	709	332	
QC	2002/0035581 A1	03/2002	Reynar et al.	715	513	
QC	2002/0065110 A1	05/2002	Enns et al.	455	566	
QC	2002/0065891 A1	05/2002	Malik	709	206	
QC	2002/0091803 A1	07/2002	Imamura et al.	709	220	
QC	2002/0133523 A1	09/2002	Ambler et al.	707	536	
QC	2002/0149601 A1	10/2002	Rajarajan et al.	345	619	
QC	2002/0156792 A1	10/2002	Gombocz et al.	707	100	
QC	2002/0178008 A1	11/2002	Reynar	704	272	
QC	2002/0178182 A1	11/2002	Wang et al.	715	501.1	
QC	2002/0184247 A1	12/2002	Jokela e tal.	707	204	
QC	2002/0198909 A1	12/2002	Huynh et al.	707	513	
QC	2003/0002391 A1	01/2003	Biggs	368	82	
QC	2003/0009489 A1	01/2003	Griffin	707	500	
QC	2003/0025728 A1	02/2003	Ebbo et al.	345	744	
QC	2003/0081791 A1	05/2003	Erickson et al.	380	282	
QC	2003/0097318 A1	05/2003	Yu et al.	705	35	
QC	2003/0101204 A1	05/2003	Watson	708	206	
QC	2003/0101416 A1	05/2003	McInnes et al.	715	513	

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QC	2003/0106040 A1	06/2003	Rubin et al..	717	106	
QC	2003/0126136 A1	07/2003	Omoigui	707	10	
QC	2003/0154144 A1	08/2003	Pokorny et al.	705	28	
QC	2003/0158841 A1	08/2003	Britton et al.	707	3	
QC	2003/0158851 A1	08/2003	Britton et al.	707	100	
QC	2003/0172343 A1	09/2003	Leymaster et al.	715	500	
QC	2003/0212527 A1	11/2003	Moore et al.	702	179	
QC	2003/0220795 A1	11/2003	Araysantiparb et al.	704	275	
QC	2003/0229593 A1	12/2003	Raley et al.	705	55	
QC	2003/0233330 A1	12 /2003	Raley et al.	705	55	
QC	2004/0006741 A1	01/2004	Radja et al.	715	513	
QC	2004/0165007 A1	08/2004	Shafron	345	781	
QC	2004/0236717 A1	11/2004	Demartini et al.	707	001	
QC	2005/0050164 A1	03/2005	Burd et al.	709	217	
QC	2005/0055330 A1	03/2005	Britton et al.	707	001	
QC	2005/0120313 A1	06/2005	Rudd et al.	715	866	
QC	2005/0187926 A1	08/2005	Britton et al.	707	003	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
QC	WO 01/18687 A1	03/2001	PCT	G06F	17/30		
QC	WO 01/186390 A2	11/2001	PCT	G06F	1/00		
QC	WO 02/099627 A1	01/2002	PCT	G06F	9/00		
QC	EP 0810520 B1	12/1998	Europe	G06F	9/44		
QC	EP 1093058 A1	04/2001	Europe	G06F	17/27		
QC	EP 1280068 A2	01/2003	Europe	G06F	17/27		
QC	EP 1361523 A2	11/2003	Europe	G06F	17/27		

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QC	EP 1376392 A2	01/2004	Europe	G06F	17/24		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
QC		Santos, C.A.S., L.F.G Soares, G.L. de Souza and J.P. Courtiat; Design methodology and formal validation of hypermedia documents; Proceedings of the sixth ACM international conference on multimedia, (1998) p.39-48.
QC		Terveen, Loren, Will Hill and Brian Amento; Constructing, organizing, and visualizing collections of topically related Web resources; ACM Trans. Comput.-um. Interact. 6, 1 (March 1999) p. 67-94.
QC		Barrett, Rob, Paul P. Maglio and Daniel C. Kellem; How to personalize the Web; Conference proceedings on human factors in computing systems (1997) p. 75-82.
QC		Marx, Matthew and Chris Schmandt; CLUES: dynamic personalized message filtering; Proceedings of the ACM 1996 conference on computer supported cooperative work (1996) p. 113-121.
QC		Goschka, Karl M. and Jurgen Falb; Dynamic hyperlink generation for navigation in relational databases; Proceedings of the tenth ACM conference on hypertext and hypermedia: returning to our diverse roots (1999) p. 23-24.
QC		Pentland, Alex; Perceptual user interfaces: perceptual intelligence; Commun. ACM 43, 3 (Mar. 2000) p. 35-44.
QC		Stairmand, Mark A.; Textual context analysis for information retrieval; Proceedings of the 20th annual international ACM SIGIR conference on research and development in information retrieval (1997) p. 140-147.
QC		Glushko, Robert J., Jay M. Tenenbaum and Bart Meltzer; An XML framework for agent-based E-commerce; Commun. ACM 42, 3 (mar. 1999) p. 106.
QC		Kukich, Karen; ~~Technique~~ Techniques for Automatically Correcting Words in Text; ACM Comput. Surv., 24, 4 (Dec. 1992); pages 377-439.
QC		Marx, Matt and Chris Schmandt; Putting People First: Specifying Proper Names in Speech Interfaces; Proceedings of the ACM Symposium on User Interface Software and Technology; 1994; pages 29-37.
QC		Ford, Bryan, Mike Hibler, Jay Lepreau, Roland McGrath and Patrick Tullman; Interface and execution models in the fluke kernel; Proceedings of the third symposium on operating systems design and implementation, (1999) p. 101-115.
QC		Desmarais, Michel C. and Jiming Liu; Exploring the applications of user-expertise assessment for intelligent interfaces; Proceedings of the conference on human factors in computing systems, (1993) p. 308-313.
QC		Foley, James D.; Future directions in user-computer interface software; Conference proceedings on organizational computer systems, (1991) p. 289-297.
QC		Hartson, H. Rex and Deborah Hix; Human-computer interface development: concepts and systems for its management; ACM Comput. Surv. 1 (Mar. 1989) p. 5-92
QC		Foley, Jim; Integrating computer technology, people technology: strategies and case studies from Georgia Tech's Graphics, ~~and application technology~~ Visualization and Usability Center; Proceedings of the workshop on advanced visual interfaces, (1994) p. 34-43
QC		Tsai, M., P. Reiher and G.J. Popek; Command management system for next-generation user input; Proceedings of the seventh workshop on hottopics in operating systems, (1999) p. 179-84.
QC		Microsoft Computer Dictionary, Microsoft, Microsoft Press, Fifth Edition, p. 409.
QC		Kuenning, Geoff, "Using ISPELL from Emacs", http://theochem.ki.ku.dk/on_line_docs/ispell/ispell_1.html, 4 pp., publication date unknown.
QC		"Spellout Command", Commands Reference, Volume 5, http://www.rz.uni-hohenheim.de/betriebssysteme/unix/aix/aix_4.3.3_doc/base_doc/usr/share/man/inf..., 1 page, publication date unknown.
QC		"Chapter 8 - Standard Input and Output", http://www.comp.lancs.ac.uk/computing/users/eiamjw/unix/chap8.html, 3 pp.,

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/24/2006

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		publication date unknown.
QC		Panagiotis, Christias, Man-cgi 1.15, http://www.physics.umn.edu/cgi-bin/man-cgi?spell, 1994, 5 pp.
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
QC		Bischof, Hans-Peter, "Spell, Spellin, Spellout - Finding Spelling Errors", http://www.vorlesungen.uni-osnabrueck.de/informatik/shellscript/Html/Man/_Man_NeXT_html/html..., April 21, 1997, 2 pp.
QC		"Module 123 - Spell", http://duplex.hypermart.net/books/bsd/501-504.html, 4 pp., publication date unknown.
QC		Panagiotis, Christias, Man-cgi 1.15, http://www.calpoly.edu/cgi-bin/man-cgi?spell+1, 1994, 3 pp.
		~~Martinsson, Bengt, "Tincad-Enhanced Spell Front End for GNU Emacs + Detex + Delatex", http://www.geocrawler.com/archives/3/339/1987/8/0/10719817/, August 20, 1987, 1 page.~~ N/A
QC		Willisson, Pace, Ispell (1), http://www.rt.com/man/findaffix.1.html, 1983, 15 pp.
QC		Willisson, Pace, Ispell (1), "User Commands", http://www.csee.usf.edu/cgi-bin/man-cgi?ispell, 1983, 18 pp.
QC		"Handout 38: Spell Checking, Word Counting, and Textual Analysis", http://courses.cs.emporia.edu/pheattch/courses/2002/cs501s02/hand38/, 3 pp., publication date unknown.
QC		Keunning, Geoff, "International ~~Spell~~ Ispell", http://fmg-www.cs.ucla.edu/geoff.ispell.html, 3 pp., publication date unknown.
QC		Ispell 4, "Ispell - Format of Ispell Dictionaries and Affix Files", http://www.bigbiz.com/cgi-bin/manpage?4+ispell, 11 pp., publication date unknown.
QC		McMahon, Lee. E., "SED - A Non-Interactive Text Editor," Bell Laboratories, Murray Hill, New Jersey 07974, August 15, 1978, pgs. 16.
QC		Beitner, N.D.; Hall, W.; Goble, C.A., "Multimedia Support and Authoring in Microcosm: An Extended Model," Dept. of Electronics and Computer Science, Univ. of Southampton, Southampton SO17 1BJ, UK; Dept. of Computer Science, Univ. of Manchester, Oxford Road, Manchester MI3 9PL, UK, pgs. 1-12, publication date unknown.
QC		IBM Corporation, "IBM Research Disclosure #368; "Multimedia Hyperlinks Automatically Created For Reference Documents," *IBM Technical Disclosure* Bulletin, June 1993, pgs. 1-5.
QC		The Complete LINUX™ Operating System 5.2 Deluxe, Red Hat,® Macmillian Digital Publishing USA, A Viacom Company, Red Hat Software, Inc., ISBN 1-57595-199-1B, 1995-1998, pgs. 1-385.
QC		User Manual For AddressMate and AddressMate Plus, CoStar Corporation, AddressMate Software, 1994-1995, pgs. 1-210.
QC		Getting Results With Microsoft® Office 97, *Real World Solutions For The Work You Do*, Microsoft Corporation, 1995-1997, pgs. 1-703.
QC		InfoCentral™ 7, User's Manual, Corel Corporation, Vol. 1, Version 7.0, 1996, pgs. 1-86.
QC		Corel® Office Professional 7 Quick Results User's Manual, Vol. 1, Version 7.0 (first printing), Corel Corporation, Limited, pgs. 1-531, publication date unknown.
QC		Novell GroupWise User's Guide for Windows 16-Bit Version 5.2, Novell, Inc., 1993-1997, pgs. 1-231.
QC		Novell GroupWise User's Guide for Windows 32-Bit Version 5.2, Novell, Inc., 1998, pgs. 1-318.
QC		Claris Em@iler Getting Started User's Guide, For Macintosh, Claris Corporation, 1995-1997, 61 pp.
QC		Developer's Guide To Apple Data Detectors, For Version 1.0.2., Apple Computer, Inc., 1997, pgs. 1-33.
QC		Apple Data Detectors User's Manual, Apple Computer, Inc., 1997, pgs. 1-15.

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QC		Nardi, Bonnie A.; Miller, James R.; Wright, David J., "Collaborative, Programmable Intelligent Agents," Jim Miller/Miramontes Computing, Apple Computer Advanced Technology Group, http://www.miramontes.com/writing/add-cacm/add-cacm/html, March 1998, pgs. 1-11.
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
QC		Hewkin, "Smart Tags-the Distributed-Memory ~~Resolution~~ Revolution", IEE Review, 22 June 1989, pp. 203-206.
QC		Measuring Units Conversion Table - http://web.archie.org- 1997 Internet French Property, pp. 1-4.
QC		IBM Technical Disclosure Bulletin, "National Language Support ~~Enhancement~~ Enablement for Culture-Specific Operations", November 1, 1993, Vol. 36, Issue 11, pp. 629-638
QC		Towers, J. Tarin, Visual Quickstart Guide: Dreamweaver 2 for Windows and Macintosh, 1999, Peachpit Press, pp. 150-151.
QC		Driza, Scott, "Learn Word 2000 VBA Document Automation", Wordware Publishing Inc., 2001, 6 pp.
QC		Cornell, Paul, "Developing Smart Tag DLLs", MSDN Library, http://msdn.microsoft.com/library/default.asp?url=/library/en-us/dnsmarttag/html/odc_smarttags.asp, April 2001, pp. 8.
QC		Menu Customizing, IBM Technical Disclosure Bulletin, Vol. 34, No. 1, 06/1991, pp. 91-92 (4 pp. total)
QC		Perry, Brad, et al., "Discovering Similar Resources by Content ~~Part~~ Part-Linking", Proceedings of the Sixth International Conference on Information and Knowledge Management, published by ACM Press 1997, pp. 317-324.
QC		Schulz, Charles, "Writing Applications for Uniform Operation on a Mainframe or PC: A Metric Conversion Program", Lockheed Missles & Space Company, Inc., Sunnyvale, CA, May 1990, pp. 348-361.
QC		Devanbue, P. et al., "Chime: customizable hyperlink insertion and maintenance engine for software engineering environments", Software Engineering, Publication date: 1999, ISBN: 1-58113-07400
		~~"Using Flyswat", http://www.flyswat.com/using.html, download date: September 28, 1999, 1 pp.~~ N/A
QC		"What is Flyswat", http://www.flyswat.com, download date: September 28, 1999, 5 pp.
QC		"Intelligent Text Processing: About", http://www.syntalex.co.uk/about/about.html, download date: August 7, 1999, 1 pp.
QC		"Intelligent Text Processing: Automatic Cross-Referencing", http://www.syntalex.co.uk/services/acrl.html, download date August 7, 1999, 3 pp.
QC		"Intelligent Text Processing: Case Study: Context", http://www.syntalex.co.uk/casestudies/context.html, download date: August 7, 1999, 3 pp.
QC		Mueller, Jennifer M., "Work Smarter with Smart Tags", Journal of Accounting - Online, Vol. 194, No. 5, November 2002, http://www.aicpa.org/pubs/jofa/nov2002/Mueller.htm>, retrieved on 04/22/05.
QC		Brooks-Bilson, "Programming ColdFusion" [electronic resource] 2001, Safari Tech Books Online, 1st Edition, 25 pp.
QC		Wilker, John, "ColdFusion MX Adds J2EE, XML, and Web Services Compatibility", August 9, 2002, http://builder.com.com/5102-6387-104585.html, 3 pp.
QC		Sriram, V., "ComponentXchange: An E-Exchange for Software Components", Master Thesis, CitSeer, 05/2001, pp. i-v, 1-77.
QC		"Smart Tags: Dumb Technology?", webreference.com, Online, 08/29/01, http://www.webreference.com/xml/column30/3.html, 3 pp.
QC		"Being 'Smart' with Smart Tags in Office XP", Create for Mississippi, 08/2001, http://www.create.cett.msstate.edu/create/howto/smart_tags.pdf, 7 pp.
QC		Harold, E.R., "XML: Extensible Markup Language", IDG Books Worldwide, Books 24x7.com printout, 1998, pp. 1-11.

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/24/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.

FORM 1449* FIFTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182US11/MS#303914.1	Application Number: 10/731,899
	Applicant: Jones, et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

QC		Marais, Hannes, "Supporting Cooperative and Personal Surfing With a Desktop Assistant", 1997, ACM Press, pp. 129-138.
QC		U.S. Patent Application No. 09/818,157, filed March 27, 2001, entitled "Automatically Adding Proper Names to a Database"
QC		U.S. Patent Application No. 09/841,265, filed April 24, 2001, entitled "Method and System for Applying Input Mode Bias"
QC		U.S. Patent Application No. 09/841,266, filed April 24, 2001, entitled "Method and System for Providing Electronic Commerce Actions Based on Semantically Labeled Strings"
QC		U.S. Patent Application No. 09/906,552, filed July 16, 2001, entitled "Method and System for Providing Restricted Actions for Recognized Semantic Categories"
QC		U.S. Patent Application No. 09/906,467, filed July 16, 2001, entitled "Application Program Interfaces for Semantically Labeling Strings and Providing Actions Based on Semantically Labeled Strings"
QC		U.S. Patent Application No. 09/907,418, filed July 17, 2001, entitled "Method and System for Defining Semantic Categories and Actions"
QC		U.S. Patent Application No. 09/588,411, filed June 6, 2000, entitled "Method and System for Semantically Labeling Strings and Providing Actions Based on Semantically Labeled Strings"
QC		U.S. Patent Application No. 10/141,712, filed May 9, 2002, entitled "Method, System, and Apparatus for Converting Dates Between Calendars and Languages Based Upon Semantically Labeled Strings"
QC		U.S. Patent Application No. 10/154,630, filed May 23, 2002, entitled "Method, System, and Apparatus for Converting Numbers Based Upon Semantically Labeled Strings"
QC		U.S. Patent Application No. 10/140,544, filed May 7, 2002, entitled "Method, System, and Apparatus for Converting Numbers Between Measurement Systems Based Upon Semantically Labeled Strings"
QC		U.S. Patent Application No. 10/155,680, filed May 23, 2002, entitled "Method, System, and Apparatus for Converting Currency Values Based Upon Semantically Labeled Strings"
QC		U.S. Patent Application No. 10/179,810, filed June 25, 2002, entitled "Method, System, and Apparatus for Performing Custom Actions on Digital Content"
QC		U.S. Patent Application No. 10/178,680, filed June 24, 2002, entitled "System and Method for Incorporating Smart Tags in Online Content"
QC		U.S. Patent Application No. 10/179,438, filed June 25, 2002, entitled "Method and System for Dynamically Providing Actions Associated with Semantically Labeled Strings"
QC		U.S. Patent Application No. 10/184,298, filed June 27, 2002, entitled "Method and System for Associating Actions with Semantic Labels in Electronic Documents"
QC		U.S. Patent Application No. 10/377,258 filed February 28, 2003, entitled "Method and System for Enhancing Paste Functionality of a Computer Software Application"
QC		U.S. Patent Application No. 10/426,446, filed April 29, 2003, entitled "Methods and System for Recognizing Names in a Computer-Generated Document and for Providing Helpful Actions Associated with Recognized Names"
QC		U.S. Patent Application No. 10/608,267 filed June 27, 2003, entitled "Leveraging Markup Language Data for Semantically Labeling Text Strings and Data and for Providing Actions Based on Semantically Labeled Text Strings and Data"
QC		U.S. Patent Application No. 10/780,376 filed February 17, 2004, entitled "Methods and Systems for Providing Automatic Actions on Recognized Text Strings in a Computer-Generated Document"
QC		U.S. Patent Application No. 10/183,317, filed June 25, 2002, entitled "System and Method for Issuing a Message to a Program"

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	Applicant: Jones, et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
QC		U.S. Official Action dated December 29, 2003 in U.S. 09/588,411
QC		U.S. Official Action dated February 12, 2004 in U.S. 10/154,630
QC		U.S. Official Action dated March 29, 2004 in U.S. 09/906,552
QC		U.S. Official Action dated June 14, 2004 in U.S. 09/588,411
QC		U.S. Official Action dated June 18, 2004 in U.S. 09/818,157
QC		U.S. Official Action dated July 15, 2004 in U.S. 09/906,467
QC		U.S. Official Action dated August 20, 2004 in U.S. 09/841,266
QC		U.S. Official Action dated September 29, 2004 in U.S. 09/907,418
QC		U.S. Official Action dated October 6, 2004 in U.S. 09/818,157
QC		U.S. Official Action dated November 2, 2004 in U.S. 10/178,680
QC		U.S. Official Action dated December 8, 2004 in U.S. 09/588,411
QC		U.S. Official Action dated January 25, 2005 in U.S. 09/906,552
QC		U.S. Official Action dated January 26, 2005 in U.S. 10/154,630
QC		U.S. Official Action dated March 1, 2005 in U.S. 09/818,157
QC		U.S. Official Action dated March 17, 2005 in U.S. 09/841,265
QC		U.S. Official Action dated March 24, 2005 in U.S. 10/141,712
QC		U.S. Official Action dated April 19, 2005 in U.S. 09/841,266
QC		U.S. Official Action dated May 5, 2005 in U.S. 09/906,467
QC		U.S. Official Action dated May 6, 2005 in U.S. 09/907,418
QC		U.S. Official Action dated May 20, 2005 in U.S. 10/184,298
QC		U.S. Official Action dated June 3, 2005 in U.S. 10/154,630
QC		U.S. Official Action dated June 24, 2005 in U.S. 10/140,544
QC		U.S. Official Action dated July 25, 2005 in U.S. 10/179,438
QC		U.S. Official Action dated October 4, 2005 in U.S. 10/183,317
QC		U.S. Official Action dated October 5, 2005 in U.S. 10/179,810

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/24/2006

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	Applicant: Jones, et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
QC		U.S. Official Action dated October 20, 2005 in U.S. 09/906,552
QC		U.S. Official Action dated November 2, 2005 in U.S. 10/184,190
QC		U.S. Official Action dated November 15, 2005 in U.S. 09/841,265
QC		U.S. Official Action dated November 22, 2005 in U.S. 10/141,712
QC		U.S. Official Action dated December 5, 2005 in U.S. 09/907,418
QC		U.S. Official Action dated December 14, 2005 in U.S. 10/608,267
QC		U.S. Official Action dated December 15, 2005 in U.S. 10/155,680
QC		U.S. Official Action dated January 11, 2006 in U.S. 09/841,266
QC		U.S. Official Action dated January 17, 2006 in U.S. 10/140,544
QC		U.S. Official Action dated February 2, 2006 in U.S. 09/906,467
QC		U.S. Official Action dated February 16, 2006 in U.S. 10/184,298
QC		U.S. Official Action dated February 24, 2006 In U.S. 10/154,630

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/24/2006

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Date Mailed: May 18, 2006

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182USII/MS303914.1	Application Number: 10/731,899
	Applicant: Brian Jones et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	5,924,099	07/1999	Guzak et al.	707	100	
QC	6,006,279	12/1999	Hayes	719	328	
QC	6,717,593	04/2004	Jennings	715	760	
QC	2003/0140308 A1	07/2003	Murthy et al.	715	500	
QC	2004/0199861 A1	10/2004	Lucovsky	715	500	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QC		U.S. Patent Application No. 11/396,937, filed April 3, 2006, entitled "Automatically Adding Proper Names to a Database"
		~~U.S. Official Action dated April 8, 2005 in U.S. 10/104,900~~ DUP
		~~U.S. Official Action dated September 2, 2005 in U.S. 10/366,141~~ DUP
QC		U.S. Official Action dated November 10, 2005 in U.S. 10/164,260
QC		U.S. Official Action dated April 5, 2006 in U.S. 10/377,258
QC		U.S. Official Action dated April 10, 2006 in U.S. 10/179,810
QC		U.S. Official Action dated April 17, 2006 in U.S. 10/179,438
QC		U.S. Official Action dated April 17, 2006 in U.S. 10/184,190

EXAMINER	/Qing Chen/	DATE CONSIDERED	07/24/2006

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Date Mailed: June 29, 2006

FORM 1449* INFORMATION DISCLOSURE STATEMENT IN AN APPLICATION (Use several sheets if necessary)	Docket Number: 60001.0182USI1/MS303914.1	Application Number: 10/731,899
	Applicant: Brian Jones et al.	
	Filing Date: December 9, 2003	Group Art Unit: 2124

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
QC	5,832,100	11/1998	Lawton et al.	382	100	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
QC	EP 0872827 A2	10/1998	Europe	G10L	3/00	X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

QC		U.S. Official Action dated May 26, 2006 in U.S. Application No. 09/588,411
QC		U.S. Official Action dated May 31, 2006 in U.S. Application No. 10/141,712
QC		U.S. Official Action dated June 1, 2006 in Application No. 10/366,141

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EXAMINER	/Qing Chen/	DATE CONSIDERED	07/24/2006

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*Substitute Disclosure Statement Form (PTO-1449)

Notice of References Cited

Application/Control No.	Applicant(s)/Patent Under Reexamination	
10/731,899	JONES ET AL.	
Examiner	Art Unit	Page 1 of 1
Qing Chen	2191	

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-5,987,480	11-1999	Donohue et al.	715/501.1
*	B	US-6,381,742 B2	04-2002	Forbes et al.	717/176
*	C	US-6,697,837 B1	02-2004	Rodov, Alexander G	709/203
*	D	US-6,802,061 B1	10-2004	Parthasarathy et al.	717/173
*	E	US-6,874,143 B1	03-2005	Murray et al.	717/173
*	F	US-6,880,129 B1	04-2005	Lee et al.	715/763
*	G	US-6,944,857 B1	09-2005	Glaser et al.	717/173
*	H	US-6,976,090 B2	12-2005	Ben-Shaul et al.	709/246
*	I	US-2002/0120685 A1	08-2002	Srivastava et al.	709/203
*	J	US-2003/0014745 A1	01-2003	Mah et al.	717/170
*	K	US-2004/0199861 A1	10-2004	Lucovsky, Mark H.	715/500
*	L	US-2004/0201867 A1	10-2004	Katano, Seiichi	358/001.15
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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	W	
	X	

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